

AIR QUALITY SYSTEM

RAW DATA REPORT

Sep. 15, 2005

(42401) Sulfur dioxide

SITE ID: 29-099-0004 POC: 1
COUNTY: (099) Jefferson
CITY: (00000) Not in a city
SITE ADDRESS: HERC, Main St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 38.2633
LONGITUDE: -90.3785
UTM ZONE: 15
UTM NORTHING: 4238073.71
UTM EASTING: 729359.95
ELEVATION-MSL: 1
PROBE HEIGHT: 3

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT

REPORTING ORG: (0588) Missouri Laboratory Services Program

REPORT FOR: JANUARY 2005

DURATION: 1 HOUR

UNITS: PPM

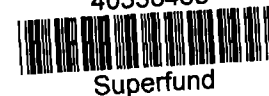
MIN DETECTABLE: .002

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.004	.002	.003	.004	.007	.006	.008	.014	.011	.009	.008	.009	.019	.070	.035	.016	.016	.010	.020	.022	.025	.029	.033	.009	24	.070	
2	.003	.001	.001	.001	.001	.001	.001	.004	.006	.006	.003	.002	.002	.001	.001	.001	.001	.002	.003	.007	.016	.016	.009	.011	24	.016	
3	.007	.034	.058	.104	.006	.002	.026	.085	.063	.013	.008	.005	.008	.005	.002	.001	.001	.002	.002	.001	.001	.001	.001	.001	24	.104	
4	.001	.001	.002	.002	.002	.004	.004	.004	.003	.003	.006	.011	BF	.009	.008	.004	.003	.004	.002	.001	.002	.003	.004	.053	23	.053	
5	.014	.006	.008	.009	.005	.004	.008	.007	.004	.007	.010	.007	.005	.006	.004	.003	.002	.003	.004	.003	.003	.003	.002	.001	24	.014	
6	.001	.001	.001	.001	.001	.001	.001	.001	.002	.001	.001	.002	.002	.002	.002	.002	.002	.002	.001	.001	.001	.004	.011	.010	24	.011	
7	.001	.001	.001	.008	.007	.009	.005	.014	.036	.036	.013	.014	.085	.013	.012	.012	.018	.005	.003	.002	.002	.002	.004	.009	24	.085	
8	.008	.004	.003	.003	.003	.003	.005	AV	.004	.004	.003	.003	.002	.002	.011	.004	.004	.028	.047	.080	.038	.076	.068	.054	23	.080	
9	.046	.026	.049	.063	.023	.039	.028	.013	.019	.038	.031	.021	.005	.002	.002	.002	.002	.002	.016	.060	.083	.017	.003	.002	24	.083	
10	.002	.001	.008	.008	.003	.002	.008	.005	.012	.020	.018	.012	.020	.024	.096	.228	.129	.005	.021	.085	.048	.035	.022	.035	24	.228	
11	.045	.016	.004	.004	.003	.004	.003	.002	.002	.002	.005	.005	.006	.007	.015	.020	.019	.010	.006	.004	.007	.012	.009	.007	24	.045	
12	.005	.005	.005	.004	.004	.004	.009	.006	.004	.003	.002	.002	.002	.001	.001	.001	.001	.002	.001	.001	.001	.004	.002	.001	24	.009	
13	.019	.003	.001	.007	.029	.024	.017	.002	.002	.002	.002	.002	.001	.001	.001	.001	.001	.001	.001	.001	.001	.002	.002	.002	24	.029	
14	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.013	.010	.016	.025	.016	.020	.018	.010	.008	.009	.011	.014	.012	.009	.012	24	.025
15	.016	.021	.024	.020	.007	.008	.013	.027	.022	.023	.020	.015	.012	.022	.016	.017	.017	.009	.006	.005	.007	.010	.013	.013	24	.027	
16	.008	.007	.009	.012	.013	.011	.005	.003	.004	.003	.002	.003	.002	.002	.002	.002	.002	.002	.003	.020	.009	.006	.004	.002	24	.020	
17	.002	.003	.002	.002	.002	.002	.002	.002	.003	.003	.004	.006	.006	.006	.005	.006	.006	.003	.007	.014	.010	.004	.005	.008	24	.014	
18	.006	.005	.239	.040	.007	.006	.004	.005	.010	.015	.045	.054	.054	.048	.007	.006	.004	.004	.005	.004	.003	.003	.003	.003	24	.239	
19	.003	.003	.003	.003	.002	.002	.002	.003	.004	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.001	.001	.001	24	.004	
20	.002	.002	.004	.004	.022	.035	.026	.017	.043	.022	.028	.012	.003	.003	.002	BF	BC	.006	.006	.007	.007	.014	.010	.007	22	.043	
21	.011	.013	.011	.008	.007	.008	.006	.004	.006	.006	.005	.007	.009	.014	.011	.008	.012	.008	.014	.025	.064	.042	.019	.008	24	.064	
22	.006	.005	.004	.003	.002	.004	.004	.005	.002	.001	.005	.004	.005	.004	.005	.002	.002	.002	.001	.002	.001	.001	.002	.002	24	.006	
23	.001	.001	.001	.001	.001	.001	.001	.001	.003	.011	.012	.013	.020	.021	.019	.047	.026	.176	.142	.129	.073	.030	.003	.003	24	.176	
24	.003	.004	.004	.013	.061	.005	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.002	.002	.002	.002	24	.061	
25	.002	.002	.002	.002	.002	.002	.002	.002	.004	.006	.007	.007	.023	.009	.006	.008	.022	.008	.005	.004	.003	.003	.003	.002	24	.023	
26	.002	.004	.003	.003	.002	.002	.002	.003	.002	.002	.002	.001	.001	.001	.001	.002	.002	.001	.002	.001	.001	.001	.006	.004	24	.006	
27	.004	.005	.004	.003	.004	.002	.003	.003	.004	.003	.004	.003	.003	.002	.002	.002	.002	.002	.002	.007	.004	.005	.005	.005	24	.007	
28	.005	.005	.006	.008	.010	.010	.012	.013	.015	.019	.018	.015	.014	.014	.013	.012	.013	.013	.013	.013	.013	.013	.012	.012	24	.019	
29	.011	.010	.009	.007	.008	.006	.006	.005	.004	.004	.004	.004	.004	.003	.003	.004	.005	.006	.009	.009	.008	.009	.014	.020	24	.020	
30	.011	.008	.008	.008	.008	.009	.010	.008	.008	.012	.027	.025	.024	.025	.037	.031	.021	.018	.019	.014	.011	.011	.013	.012	24	.037	
31	.008	.006	.006	.004	.005	.007	.008	.008	.010	.011	.014	.022	.024	.018	.015	.013	.013	.010	.007	.006	.005	.009	.013	.021	24	.024	
NO.:	31	31	31	31	31	31	31	30	31	31	31	31	30	31	31	30	30	31	31	31	31	31	31	31	31		
MAX:	.046	.034	.239	.104	.061	.039	.028	.085	.063	.038	.045	.054	.085	.070	.096	.228	.129	.176	.142	.129	.083	.076	.068	.054			
AVG:	.0084	.0067	.0156	.0116	.0084	.0073	.0075	.0090	.0102	.0098	.0104	.0099	.0130	.0115	.0115	.0159	.0120	.0115	.0123	.0175	.0150	.0123	.0099	.0107			

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: .0112 MONTHLY MAX: .239

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

40338468



Superfund

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AIR QUALITY SYSTEM

RAW DATA REPORT

Sep. 15, 2005

(42401) Sulfur dioxide

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LONGITUDE: -90.3785

UTM ZONE: 15

UTM NORTHING: 4238073.71

UTM EASTING: 729359.95

ELEVATION-MSL: 1

PROBE HEIGHT: 3

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT

REPORTING ORG: (0588) Missouri Laboratory Services Program

REPORT FOR: FEBRUARY 2005

DURATION: 1 HOUR

UNITS: PPM

MIN DETECTABLE: .002

HOUR																									OBS	MAXIMUM
DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300		
1	.022	.012	.012	.007	.004	.004	.005	.007	.011	.012	.019	.015	.016	.029	.027	.020	.017	.013	.012	.013	.010	.012	.013	.013	24	.029
2	.012	.012	.014	.015	.017	.017	.018	.018	.017	.014	.012	.013	.019	.018	BF	.023	.018	.015	.019	.014	.009	.009	.013	.019	23	.023
3	.021	.035	.027	.016	.012	.013	.010	.008	.010	.010	.010	.010	.009	.018	.012	.013	.015	.013	.010	.007	.005	.004	.004	.003	24	.035
4	.003	.002	.002	.002	.002	.002	.002	.003	.003	.004	.005	.006	.009	.005	.003	.008	.053	.089	.045	.049	.068	.032	.013	.009	24	.089
5	.004	.003	.002	.002	.002	.002	.002	.002	.004	.041	.020	.023	.014	.027	.044	.060	.086	.100	.071	.038	.066	.062	.083	.061	24	.100
6	.057	.053	.031	.046	.027	.073	.050	.027	.026	.028	.036	.009	.008	.050	.056	.037	.043	.052	.055	.053	.036	.051	.011	.006	24	.073
7	.004	.004	.022	.028	.022	.007	.005	.004	.004	.004	.005	.003	.003	.002	.003	.003	.004	.002	.004	.002	.001	.001	.001	.001	24	.028
8	.001	.002	.003	.004	.003	.002	.001	.001	.001	.002	.002	.002	.002	.003	.007	.008	.010	.011	.010	.011	.012	.009	.006	.004	24	.012
9	.003	.007	.004	.004	.004	.004	.002	.002	.004	.003	.004	.006	.003	.002	.002	.001	.001	.001	.002	.002	.002	.001	.002	.002	24	.007
10	.002	.003	.004	.002	.002	.001	.001	.001	.001	.001	.002	.004	.008	.006	.004	.004	.010	.019	.012	.006	.006	.004	.002	.002	24	.019
11	.002	.002	.002	.002	.002	.001	.002	.002	.002	.003	.003	.015	.004	.002	.002	.001	.001	.001	.002	.002	.002	.002	.002	.001	24	.015
12	.001	.001	.001	.001	.001	.001	.001	.001	.003	.003	.003	.003	.003	.003	.002	.002	.002	.002	.003	.004	.002	.001	.001	.016	24	.016
13	.030	.048	.026	.006	.006	.059	.070	.088	.095	.054	.080	.100	.117	.095	.043	.007	.004	.003	.003	.002	.002	.001	.001	.001	24	.117
14	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.002	.002	.002	.001	.001	.001	24	.002
15	.003	.002	.002	.004	.048	.018	.006	.008	.004	.003	.002	.002	.002	.002	.002	.002	.010	.004	.007	.005	.005	.006	.003	.002	24	.048
16	.002	.002	.002	.002	.004	.003	.003	.004	.003	.002	.002	.002	BF	BF	.001	.001	.003	.002	.001	.002	.001	.001	.001	.001	22	.004
17	.001	.001	.001	.001	.001	.002	.001	.001	.001	.001	.001	.001	.001	.002	.005	.001	.001	.001	.001	.002	.001	.002	.002	.001	24	.005
18	.001	.002	.001	.001	.001	.001	.004	.003	.003	.003	.003	.002	.002	.009	.016	.013	.012	.007	.004	.005	.006	.009	.006	.004	24	.016
19	.003	.003	.003	.005	.026	.150	.147	.022	.076	.042	.015	.009	.018	.020	.023	.020	.019	.031	.088	.086	.158	.106	.088	.218	24	.218
20	.047	.085	.065	.123	.181	.021	.018	.022	.056	.019	.016	.006	.005	.004	.003	.003	.002	.002	.002	.002	.004	.002	.002	.002	24	.181
21	.002	.001	.001	.002	.002	.036	.013	.008	.010	.009	.004	.003	.002	.003	.003	.005	.013	.010	.015	.014	.011	.010	.009	.024	24	.036
22	.045	.009	.006	.006	.006	.005	.005	.006	.006	.007	.007	.008	.003	.002	.002	.003	.003	.003	.002	.002	.003	.004	.003	.002	24	.045
23	.002	.003	.003	.002	.003	.004	.003	.004	.004	.005	.005	.004	.004	.003	.003	.003	.003	.005	.003	.003	.002	.002	.002	.002	24	.005
24	.002	.003	.006	.007	.006	.006	.005	.005	.007	.010	.019	.009	.006	.005	.004	.003	.005	.005	.008	.003	.002	.002	.002	.002	24	.019
25	.002	.002	.002	.002	.002	.002	.003	.002	.003	.003	AL	.003	.003	.002	.002	.002	.003	.002	.002	.002	.002	.002	.002	.002	23	.003
26	.002	.002	.002	.002	.002	.002	.002	.003	.007	.018	.012	.005	.003	.002	.002	.003	.005	.003	.003	.003	.002	.003	.006	.016	24	.018
27	.006	.019	.029	.005	.005	.004	.004	.005	.005	.006	.008	.009	.010	.010	.011	.022	.029	.031	.026	.031	.023	.017	.011	.008	24	.031
28	.006	.006	.006	.005	.003	.002	.002	.003	.007	.005	.004	.005	.004	.002	.002	.002	.001	.002	.002	.001	.004	.001	.001	.001	24	.007
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	27	28	27	27	27	28	28	28	28	28	28	28	28	28		
MAX:	.057	.085	.065	.123	.181	.150	.147	.088	.095	.054	.080	.100	.117	.095	.056	.060	.086	.100	.088	.086	.158	.106	.088	.218		
AVG:	.0103	.0116	.0100	.0108	.0141	.0158	.0138	.0093	.0134	.0112	.0111	.0099	.0103	.0121	.0106	.0097	.0134	.0154	.0148	.0131	.0160	.0128	.0104	.0151		

MONTHLY OBSERVATIONS: 668 MONTHLY MEAN: .0123 MONTHLY MAX: .218

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Sep. 15, 2005

(42401) Sulfur dioxide
SITE ID: 29-099-0004 POC: 1
COUNTY: (099) Jefferson
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MONITOR COMMENTS:

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LONGITUDE: -90.3785
UTM ZONE: 15
UTM NORTHING: 4238073.71
UTM EASTING: 729359.95
ELEVATION-MSL: 1
PROBE HEIGHT: 3

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
REPORTING ORG: (0588) Missouri Laboratory Services Program

REPORT FOR: MARCH 2005

DURATION: 1 HOUR
UNITS: PPM
MIN DETECTABLE: .002

HOUR																									OBS	MAXIMUM	
DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300			
1	.001	.001	.001	.001	.004	.005	.005	.003	.004	.005	.005	.004	.005	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	24	.005
2	.002	.002	.002	.002	.002	.002	.002	.002	BF	BF	.003	.003	.003	.009	.004	.003	.008	.005	.005	.008	.006	.004	.004	.004	.004	22	.009
3	.003	.003	.004	.006	.005	.004	.004	.005	.010	.019	.017	.015	.034	.044	.022	.017	.020	.011	.009	.008	.014	.029	.007	.004	.004	24	.044
4	.003	.002	.002	.002	.002	.002	.002	.002	.003	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	24	.003
5	.002	.002	.002	.002	.002	.001	.001	.001	.001	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.003	.002	.002	.002	.002	24	.003
6	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.001	.001	.001	.001	.001	.002	.001	.002	.003	.003	.003	24	.003
7	.003	.003	.002	.002	.001	.001	.001	.002	.002	.002	.001	.002	.001	.001	.002	.002	.001	.002	.001	.001	.001	.001	.001	.001	.001	24	.003
8	.002	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.007	.003	.002	.002	.005	.007	.004	.003	.002	.002	.002	.001	.002	.002	24	.007
9	.003	.002	.003	.003	.003	.002	.007	.004	.003	.005	.004	.003	.002	.002	.002	.001	.002	.002	.002	.002	.002	.002	.001	.001	.001	24	.007
10	.002	.001	.002	.002	.002	.002	.002	.004	.003	.002	.002	.002	.002	.002	.002	.002	.001	.002	.001	.001	.001	.001	.001	.001	.001	24	.004
11	.001	.001	.004	.002	.004	.001	.001	.006	.005	.003	.002	.001	.001	.001	.002	.001	.001	.001	.001	.002	.003	.004	.002	.002	.002	24	.006
12	.003	.002	.002	.001	.002	.002	.002	.003	.004	.025	.277	.110	.034	.006	.003	.003	.003	.008	.008	.008	.008	.009	.008	.007	.007	24	.277
13	.006	.005	.007	.007	.005	.007	.012	.011	.008	.008	.014	.009	.004	.009	.004	.002	.003	.003	.004	.003	.002	.002	.002	.002	.002	24	.014
14	.002	.002	.002	.002	.002	.002	.002	.002	.003	.004	.003	.002	.004	.006	.005	.003	.003	.003	.005	.002	.002	.002	.002	.002	.002	24	.006
15	.002	.003	.002	.003	.002	.002	.002	.016	BF	BF	.043	.010	.010	.009	.010	.011	.015	.016	.013	.009	.013	.017	.004	.003	.003	22	.043
16	.002	.002	.002	.002	.002	.002	.002	.003	.007	.006	.004	.004	.003	.003	.004	.005	.004	.003	.003	.004	.003	.003	.002	.002	.002	24	.007
17	.002	.002	.002	.002	.002	.002	.002	.003	.004	.006	.010	.006	.007	.008	.037	.036	.020	.026	.029	.005	.004	.004	.004	.009	.009	24	.037
18	.005	.005	.008	.054	.002	.122	.105	.030	.013	.006	.004	.005	.003	.003	.004	.026	.037	.004	.003	.005	.004	.008	.006	.003	.003	24	.122
19	.003	.003	.003	.003	.002	.002	.002	.002	.002	.001	.001	.002	.001	.001	.001	.002	.002	.002	.003	.005	.003	.002	.002	.002	.002	24	.005
20	.002	.002	.002	.002	.002	.002	.002	.002	.007	.015	.009	.020	.015	.009	.077	.077	.041	.006	.005	.007	.005	.003	.004	.004	.004	24	.077
21	.004	.004	.003	.003	.005	.006	.006	.010	.011	.015	.009	.006	.006	.005	.004	.005	.005	.003	.003	.002	.002	.003	.005	.004	.004	24	.015
22	.005	.007	.008	.008	.008	.008	.009	.007	.007	.006	.005	.005	.005	.004	.004	.005	.004	.004	.004	.004	.004	.005	.006	.011	.011	24	.011
23	.012	.010	.007	.006	.004	.003	.003	.003	.003	.003	.003	.003	.005	.005	.004	.004	.003	.003	.002	.002	.002	.002	.002	.002	.002	24	.012
24	.002	.002	.002	.002	.003	.005	.006	.006	.008	.007	.009	.008	.012	.013	.008	.006	.010	.007	.013	.044	.033	.011	.022	.008	.008	24	.044
25	.007	.006	.005	.007	.012	.005	.004	.004	.004	.005	.009	.027	.018	.010	.006	.005	.004	.004	.005	.009	.015	.009	.009	.006	.006	24	.027
26	.005	.004	.003	.003	.003	.003	.003	.005	.010	.021	.018	.010	.013	.015	.018	.018	.015	.008	.009	.010	.009	.009	.008	.006	.006	24	.021
27	.005	.008	.009	.006	.005	.003	.008	.006	.009	.011	.011	.010	.013	.009	.012	.007	.007	.006	.006	.006	.004	.004	.004	.007	.007	24	.013
28	.005	.006	.008	.010	.008	.006	.005	.004	.005	.003	.002	.002	.002	.002	.002	.007	.006	.004	.010	.019	.008	.006	.003	.002	.002	24	.019
29	.002	.002	.002	.002	.002	.002	.004	.006	.007	.006	.004	.004	.004	.004	.004	.005	.003	.003	.006	.010	.009	.005	.005	.004	.002	24	.010
30	.002	.002	.003	.003	.004	.005	.004	.005	.003	.003	.003	.002	BF	BF	.002	.002	.002	.001	.001	.001	.001	.001	.001	.001	.001	22	.005
31	.001	.001	.001	.001	.001	.001	.002	.002	.006	.004	.002	.001	.005	.009	.006	.007	.021	.009	.004	.002	.002	.005	.002	.002	.002	24	.021
NO.:	31	31	31	31	31	31	31	31	29	29	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.012	.010	.009	.054	.012	.122	.105	.030	.013	.025	.277	.110	.034	.044	.077	.077	.041	.026	.029	.044	.033	.029	.022	.011			
AVG:	.0033	.0032	.0034	.0049	.0033	.0069	.0069	.0053	.0054	.0068	.0155	.0094	.0074	.0066	.0083	.0088	.0082	.0052	.0054	.0061	.0054	.0052	.0041	.0035			

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: .0062 MONTHLY MAX: .277

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Sep. 15, 2005

(42401) Sulfur dioxide

SITE ID: 29-099-0004 POC: 1
COUNTY: (099) Jefferson
CITY: (00000) Not in a city
SITE ADDRESS: HERC, Main St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 38.2633
LONGITUDE: -90.3785
UTM ZONE: 15
UTM NORTHING: 4238073.71
UTM EASTING: 729359.95
ELEVATION-MSL: 1
PROBE HEIGHT: 3

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT

REPORTING ORG: (0588) Missouri Laboratory Services Program

REPORT FOR: APRIL 2005

DURATION: 1 HOUR

UNITS: PPM

MIN DETECTABLE: .002

HOUR																											
DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.002	.008	.007	.006	.008	.010	.010	.010	.015	.009	.008	.005	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.001	24	.015	
2	.002	.008	.002	.002	.002	.002	.002	.003	.002	.002	.002	.002	.002	.002	.002	.005	.006	.005	.002	.002	.002	.002	.004	.003	.005	24	.006
3	.003	.003	.002	.002	.002	.002	.002	.002	.073	.041	.015	.072	.033	.025	.003	.003	.002	.002	.053	.025	.008	.003	.003	.003	24	.073	
4	.003	.003	.002	.003	.002	.002	.003	.012	.031	.021	.024	.011	.051	.041	.024	.030	.007	.003	.009	.072	.019	.004	.003	.008	24	.072	
5	.005	.004	.005	.017	.009	.007	.007	.008	.009	.004	.004	.003	.003	.002	.002	.002	.002	.005	.011	.020	.036	.034	.034	.030	24	.036	
6	.040	.064	.181	.057	.005	.041	.024	.040	.079	.022	.093	.156	.098	.093	.068	.024	.064	.091	.053	.046	.030	.005	.011	.022	24	.181	
7	.075	.035	.045	.004	.003	.004	.005	.008	.012	.012	.014	.014	.007	.006	.004	.004	.003	.002	.002	.002	.002	.002	.002	.003	24	.075	
8	.005	.007	.005	.012	.007	.006	.007	.007	.014	.018	.013	.008	.005	.004	.004	.005	.005	.006	.005	.005	.004	.004	.005	.013	24	.018	
9	.007	.016	.034	.007	.004	.005	.006	.006	.011	.019	.033	.035	.085	.020	.015	.011	.007	.006	.007	.024	.037	.047	.067	.047	24	.085	
10	.042	.021	.009	.009	.009	.008	.009	.010	.008	.013	.006	.004	.005	.003	.004	.004	.005	.009	.022	.020	.016	.007	.009	.015	24	.042	
11	.017	.007	.006	.007	.007	.006	.005	.004	.009	.006	.004	.007	.006	.007	.008	.084	.030	.012	.049	.056	.040	.018	.015	.072	24	.084	
12	.029	.004	.003	.002	.006	.003	.003	.003	.003	.003	.003	.003	.002	.002	.002	.002	.003	.002	.003	.003	.002	.002	.002	.002	24	.029	
13	.002	.002	.003	.003	.003	.004	.003	.004	.004	.005	.006	.007	.006	.008	.008	.015	.012	.009	.015	.016	.012	.011	.008	.008	24	.016	
14	.007	.008	.008	.010	.009	.010	.016	.025	.017	.014	.026	.017	BF	.011	.008	.005	.003	.003	.003	.003	.003	.003	.002	.002	23	.026	
15	.002	.002	.002	.002	.002	.002	.003	.006	.007	.007	.019	.016	.005	.007	.031	.004	.004	.004	.004	.004	.004	.005	.003	.003	24	.031	
16	.003	.002	.002	.002	.002	.002	.003	.005	.057	.010	.025	.052	.008	.029	.009	.018	.006	.007	.011	.007	.009	.008	.007	.009	24	.057	
17	.004	.003	.003	.002	.002	.002	.003	.004	.005	.004	.004	.004	.004	.004	.032	.010	.004	.006	.006	.005	.006	.005	.004	.004	24	.032	
18	.003	.003	.003	.003	.002	.003	.004	.005	.005	.004	.005	.009	.008	.005	.008	.008	.005	.003	.003	.003	.003	.003	.003	.003	24	.009	
19	.003	.004	.003	.003	.003	.011	.191	.082	.034	.004	.004	.003	.004	.004	.006	.003	.003	.004	.006	.004	.003	.003	.003	.003	24	.191	
20	.005	.004	.004	.003	.002	.003	.004	.004	.003	.003	.003	.003	.003	.002	.002	.002	.002	.003	.003	.002	.002	.002	.002	.002	24	.005	
21	.002	.002	.003	.003	.002	.002	.002	.002	.003	.003	.055	.158	.059	.086	.070	.013	.015	.016	.013	.039	.160	.042	.014	.016	24	.160	
22	.004	.016	.008	.009	.012	.006	.003	.005	.003	.002	.002	.002	.002	.002	.002	.002	.003	.002	.003	.003	.003	.003	.002	.002	24	.016	
23	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.004	.002	.002	24	.004	
24	.002	.002	.002	.002	.002	.002	.003	.002	.002	.002	.002	.003	.003	.004	.003	.004	.003	.004	.004	.002	.002	.002	.002	.002	24	.004	
25	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	24	.003	
26	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	24	.003	
27	.002	.002	.002	.002	.002	.002	.002	AZ	AZ	AZ	.002	.002	.002	.002	.002	BF	BF	.002	.002	.002	.002	.002	.002	.002	19	.002	
28	.002	.002	.002	.003	.027	.005	.002	.115	.024	.005	.004	.006	.006	.006	.006	.006	.004	.004	.003	.002	.002	.002	.002	.002	24	.115	
29	.003	.002	.003	.007	.009	.008	.009	.010	.004	.005	.007	.003	.003	.003	.005	.004	.006	.003	.003	.004	.004	.004	.003	.003	24	.010	
30	.003	.004	.004	.004	.003	.003	.002	.002	.003	.002	.002	.002	.002	.003	.003	.004	.004	.004	.002	.002	.002	.003	.002	.002	24	.004	
31																									0		
NO.:	30	30	30	30	30	30	30	29	29	29	30	30	29	30	30	29	29	30	30	30	30	30	30	30			
MAX:	.075	.064	.181	.057	.027	.041	.191	.115	.079	.041	.093	.158	.098	.093	.070	.084	.064	.091	.053	.072	.160	.047	.067	.072			
AVG:	.0094	.0079	.0120	.0064	.0053	.0058	.0113	.0134	.0153	.0086	.0131	.0205	.0146	.0130	.0114	.0097	.0074	.0075	.0102	.0127	.0141	.0079	.0074	.0097			

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: .0106 MONTHLY MAX: .191

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Sep. 15, 2005

(42401) Sulfur dioxide

SITE ID: 29-099-0004 POC: 1
COUNTY: (099) Jefferson
CITY: (00000) Not in a city
SITE ADDRESS: HERC, Main St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 38.2633
LONGITUDE: -90.3785
UTM ZONE: 15
UTM NORTHING: 4238073.71
UTM EASTING: 729359.95
ELEVATION-MSL: 1
PROBE HEIGHT: 3

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT

REPORTING ORG: (0588) Missouri Laboratory Services Program

REPORT FOR: MAY 2005

DURATION: 1 HOUR

UNITS: PPM

MIN DETECTABLE: .002

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.004	.003	.002	24	.004
2	.002	.002	.002	.002	.002	.002	.002	.003	.006	.004	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	24	.006
3	.002	.002	.002	.002	.002	.002	.003	.003	.003	.003	.002	.003	.003	.004	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	24	.004
4	.002	.002	.002	.002	.002	.002	.002	.004	.006	.028	.016	.009	.008	.007	.007	.008	.008	.008	.007	.005	.005	.003	.003	.003	24	.028
5	.002	.002	.002	.002	.004	.022	.026	.032	.040	.004	.015	.015	.023	.021	.042	.062	.025	.012	.030	.077	.044	.006	.028	.096	24	.096
6	.009	.025	.018	.003	.003	.003	.004	.004	.004	.003	.003	.003	.003	.002	.002	.003	.002	.002	.002	.002	.003	.004	.003	.003	24	.025
7	.002	.002	.002	.002	.002	.002	.003	.004	.004	.003	.003	.016	.009	.014	.009	.007	.013	.011	.017	.006	.003	.133	.006	.006	24	.133
8	.006	.073	.068	.054	.073	.032	.041	.016	.014	.049	.013	.014	.029	.027	.013	.007	.005	.003	.004	.003	.003	.003	.003	.003	24	.073
9	.043	.010	.004	.007	.008	.012	.051	.077	.035	.004	.003	.002	.003	.007	.033	.048	.048	.032	.050	.042	.006	.003	.010	.007	24	.077
10	.004	.003	.002	.003	.002	.003	.003	.003	.003	.003	.003	.004	.005	.005	.006	.004	.021	.074	.034	.017	.007	.003	.003	.003	24	.074
11	.007	.004	.003	.003	.003	.003	.010	.013	.009	.006	.005	.009	BP	BP	.035	.040	.012	.039	.012	.006	.005	.005	.005	.004	22	.040
12	.028	.051	.004	.004	.003	.002	.002	.003	.009	.013	.010	.010	.009	.009	.006	.007	.022	.053	.086	.043	.005	.035	.057	.077	24	.086
13	.024	.004	.003	.003	.003	.003	.004	.004	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.002	.002	.002	.002	.002	24	.024
14	.002	.002	.002	.002	.002	.002	.003	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.003	.003	.003	.002	.003	24	.005
15	.003	.003	.002	.002	.002	.002	.002	.002	.002	.002	.003	.009	.006	.008	.004	.003	.005	.006	.005	.003	.002	.002	.002	.002	24	.009
16	.002	.002	.002	.002	.002	.002	.003	.013	.023	.029	.043	.042	.022	.013	.031	.039	.017	.030	.020	.028	.090	.093	.044	.003	24	.093
17	.003	.003	.002	.002	.002	.003	.014	.035	.046	.027	.084	.049	.047	.040	.044	.052	.055	.064	.063	.049	.057	.058	.071	.039	24	.084
18	.044	.017	.007	.003	.003	.003	.005	.091	.021	.013	.010	.005	.006	.006	.006	.006	.021	.060	.038	.010	.022	.030	.014	.011	24	.091
19	.007	.005	.011	.004	.004	.004	.005	.004	.004	.004	.004	.004	.003	.003	.003	.003	.003	.003	.003	.003	.005	.004	.003	AV	23	.011
20	AV	AV	AV	AV	AV	.006	.004	.004	.004	.010	.007	.009	.008	.014	.006	.008	.005	.006	.008	.014	.009	.007	.004	.005	19	.014
21	.004	.004	.004	.003	.003	.003	.005	.006	.008	.010	.009	.008	.004	.004	.004	.005	.007	.008	.005	.004	.004	.004	.003	.004	24	.010
22	.004	.004	.004	.003	.003	.003	.002	.003	.004	.004	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.002	24	.004
23	.002	.002	.002	.002	.002	.002	.003	.003	.003	.003	.004	.003	.003	.003	.005	.004	.008	.006	.003	.003	.002	.003	.003	.002	24	.008
24	.007	.007	.004	.007	.010	.010	.013	.004	.006	.010	.003	.003	.005	.003	.006	.010	.016	.012	.005	.003	.003	.003	.003	.003	24	.016
25	.003	.003	.003	.003	.003	.003	.004	.005	.017	.014	.010	.007	.004	.011	BF	BF	.006	.003	.006	.004	.003	.003	.003	.003	22	.017
26	.003	.003	.003	.003	.003	.003	.004	.004	.005	.004	.003	.003	.013	.009	.004	.005	.004	.003	.003	.003	.003	.002	.002	.002	24	.013
27	.002	.002	.002	.002	.002	.003	.003	.003	.003	.003	.003	.003	.003	.002	.002	.002	.002	.002	.003	.002	.002	.003	.002	.002	24	.003
28	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.003	.002	.002	.002	.002	.002	.002	.002	.003	.002	.003	.003	.005	.005	24	.005
29	.006	.016	.012	.004	.025	.028	.009	.054	.082	.071	.058	.034	.030	.015	.015	.015	.015	.009	.008	.008	.010	.026	.010	.008	24	.082
30	.006	.012	.007	.006	.008	.007	.015	.007	.008	.007	.008	.007	.015	.009	.005	.004	.004	.005	.005	.005	.005	.006	.005	.004	24	.015
31	.004	.003	.004	.004	.005	.005	.005	.009	.010	.008	.018	.011	.007	.006	.006	.007	.007	.007	.007	.007	.009	.008	.006	.005	24	.018
NO.:	30	30	30	30	30	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	30		
MAX:	.044	.073	.068	.054	.073	.032	.051	.091	.082	.071	.084	.049	.047	.040	.044	.062	.055	.074	.086	.077	.090	.133	.071	.096		
AVG:	.0079	.0091	.0062	.0048	.0063	.0058	.0082	.0135	.0125	.0113	.0116	.0095	.0095	.0084	.0103	.0123	.0112	.0153	.0142	.0117	.0105	.0150	.0101	.0104		

MONTHLY OBSERVATIONS: 734 MONTHLY MEAN: .0103 MONTHLY MAX: .133

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AIR QUALITY SYSTEM

RAW DATA REPORT

Sep. 15, 2005

(42401) Sulfur dioxide
SITE ID: 29-099-0004 POC: 1
COUNTY: (099) Jefferson
CITY: (00000) Not in a city
SITE ADDRESS: HERC, Main St
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 38.2633
LONGITUDE: -90.3785
UTM ZONE: 15
UTM NORTHING: 4238073.71
UTM EASTING: 729359.95
ELEVATION-MSL: 1
PROBE HEIGHT: 3

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT

REPORTING ORG: (0588) Missouri Laboratory Services Program

REPORT FOR: JUNE 2005

DURATION: 1 HOUR

UNITS: PPM

MIN DETECTABLE: .002

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.004	.004	.004	.004	.003	.004	.007	.009	.015	.017	.010	.008	.006	.006	.006	.008	.015	.024	.016	.031	.085	.111	.022	.063	24	.111	
2	.010	.005	.004	.004	.004	.004	.006	.011	.006	.005	.004	.005	.003	.004	.004	.006	.004	.008	.025	.054	.052	.082	.022	.011	24	.082	
3	.021	.041	.060	.018	.004	.004	.004	.005	.010	.017	.019	.020	.012	.007	.006	.007	.011	.011	.007	.012	.012	.008	.006	.006	24	.060	
4	.006	.007	.006	.006	.006	.006	.008	.008	.004	.004	.004	.004	.004	.004	.012	.016	.024	.062	.068	.066	AV	AV	.055	.021	22	.068	
5	.006	.039	.050	.017	.024	.004	.007	.043	.034	.004	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	24	.050	
6	.003	.003	.003	.003	.003	.003	.003	.013	.004	.008	.009	.003	.007	.008	.012	.028	.012	.012	.012	.015	.012	.047	.027	.023	24	.047	
7	.031	.034	.058	.024	.005	.014	.006	.010	.012	.042	.012	.006	.005	.003	.006	.015	.005	.007	.006	.005	.005	.003	.004	.005	24	.058	
8	.009	.004	.004	.004	.005	.004	.018	.009	.004	.004	.004	.004	.003	.003	.003	.005	.004	.008	.005	.005	.005	.004	.003	.003	24	.018	
9	.003	.004	.003	.003	.003	.003	.004	.004	.005	.010	.008	.010	.007	.007	.005	.004	.003	.005	.005	.013	.007	.005	.005	.004	24	.013	
10	.004	.004	.003	.004	.004	.004	.005	BF	BF		.003	.005	.008	.008	.026	.005	.002	.001	.001	.001	.001	.001	.001	.001	21	.026	
11	.003	.001	.001	.001	.001	.001	.002	.004	.002	.001	.001	.001	.003	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	24	.004	
12	.001	.001	.001	.001	.001	.001	.001	.001	.002	.007	.001	.001	.001	.001	.001	.001	.001	.001	.001	.004	.001	.001	.001	.001	24	.007	
13	.001	.001	.001	.001	.001	.001	.004	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.045	.121	.004	.001	24	.121	
14	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	24	.001	
15	.001	.001	.001	.001	.001	.001	.001	.001	.006	.006	.002	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	24	.006	
16	.001	.001	.001	.001	.001	.001	.001	.001	.003	.004	.006	.007	.006	.014	.024	.007	.002	.001	.001	.001	.001	.001	.001	.001	24	.024	
17	.001	.001	.001	.001	.001	.001	.001	.001	.006	.009	.013	.016	.003	.001	.003	.006	.009	.001	.001	.001	.001	.001	.001	.001	24	.016	
18	.001	.001	.001	.001	.001	.001	.001	.004	.010	.009	.005	.005	.007	.007	.008	.008	.004	.002	.001	.001	.001	.001	.001	.001	24	.010	
19	.001	.001	.001	.001	.001	.001	.001	.002	.002	.002	.002	.002	.002	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	24	.002	
20	.001	.001	.001	.001	.001	.001	.001	.001	.003	.008	.028	.011	.014	.017	.009	.005	.003	.004	.002	.002	.001	.001	.001	.001	24	.028	
21	.001	.001	.001	.001	.001	.001	.001	.002	.002	.002	.003	.003	.003	.009	.012	.008	.005	.002	.002	.001	.001	.001	.001	.001	24	.012	
22	.001	.001	.001	.001	.001	.001	.001	.001	.001	.002	.002	.002	.004	.002	.001	.001	.002	.001	.002	.004	.005	.005	.004	.002	.001	24	.005
23	.001	.001	.001	.001	.001	.001	.001	.002	.002	.003	.002	.001	.001	BF		.002	.004	.003	.002	.002	.002	.003	.003	.003	.002	22	.004
24	.002	.001	.001	.001	.001	.001	.001	.001	.002	.001	.001	.001	.002	.050	.021	.006	.008	.027	.031	.001	.070	.005	.005	.008	24	.070	
25	.004	.002	.001	.001	.001	.005	.009	.006	.002	.002	.003	.013	.004	.010	.017	.017	.008	.002	.001	.001	.001	.001	.001	.001	24	.017	
26	.001	.001	.001	.001	.001	.001	.001	.003	.002	.004	.003	.011	.027	.007	.007	.024	.045	.074	.033	.037	.010	.030	.012	.033	24	.074	
27	.009	.002	.001	.001	.001	.013	.008	.014	.018	.010	.021	.008	.009	.007	.005	.006	.001	.001	.001	.001	.001	.001	.001	.001	24	.021	
28	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.002	.110	.006	.006	.019	.052	.019	.005	.003	24	.110	
29	.003	.001	.001	.001	.001	.001	.002	.002	.001	.001	.001	.004	.049	.016	.048	.040	.048	.049	.042	.008	.072	.193	.097	.006	24	.193	
30	.003	.002	.001	.001	.001	.001	.001	.001	.002	.001	.007	.006	.003	.002	.002	.015	.005	.002	.001	.007	.001	.001	.001	.001	24	.015	
31																									0		
NO.:	30	30	30	30	30	30	30	29	29	29	30	30	29	29	30	30	30	30	30	30	29	29	30	30			
MAX:	.031	.041	.060	.024	.024	.014	.018	.043	.034	.042	.028	.020	.049	.050	.048	.040	.110	.074	.068	.066	.085	.193	.097	.063			
AVG:	.0045	.0056	.0072	.0036	.0027	.0029	.0036	.0056	.0057	.0064	.0060	.0055	.0068	.0069	.0083	.0084	.0114	.0106	.0095	.0100	.0156	.0225	.0096	.0069			

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .0077 MONTHLY MAX: .193

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk (***) indicates that the region has reviewed the value and does not concur with the qualifier.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Sep. 15, 2005

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
AL	VOIDED BY OPERATOR	NULL
AV	POWER FAILURE (POWR)	NULL
AZ	Q C AUDIT (AUDT)	NULL
BC	MULTI-POINT CALIBRATION	NULL
BF	PRECISION/ZERO/SPAN	NULL

Note: Qualifier codes with regional concurrence are shown in upper case,
and those without regional concurrence are shown in lower case.